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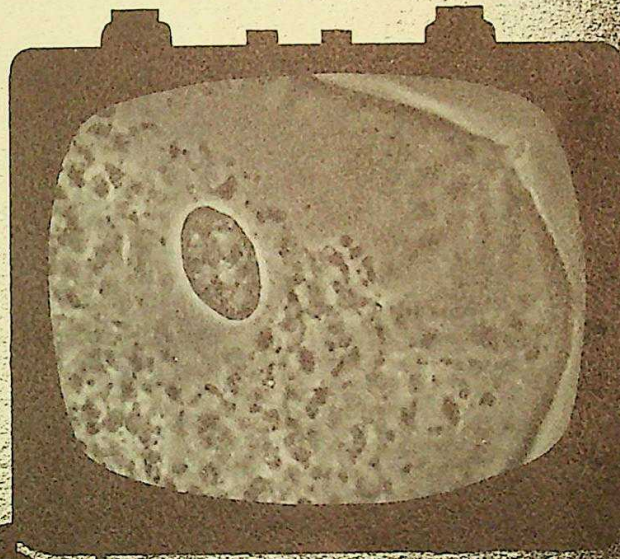
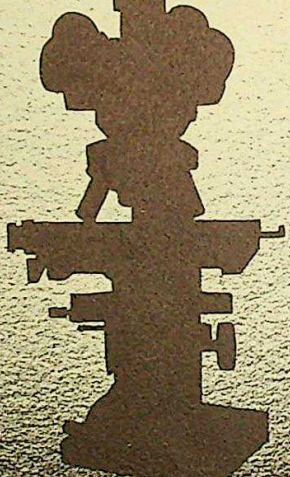
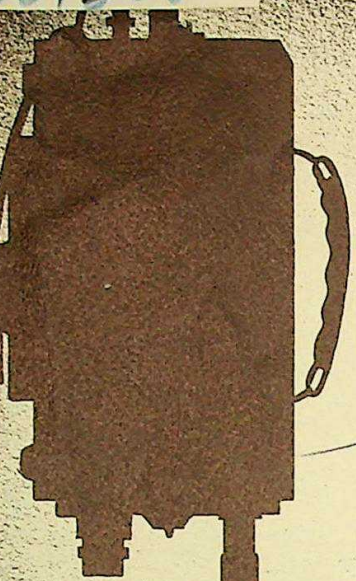
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Elgeet CLOSED CIRCUIT TELEVISION MICROSCOPE

INTEGRATED SYSTEMS

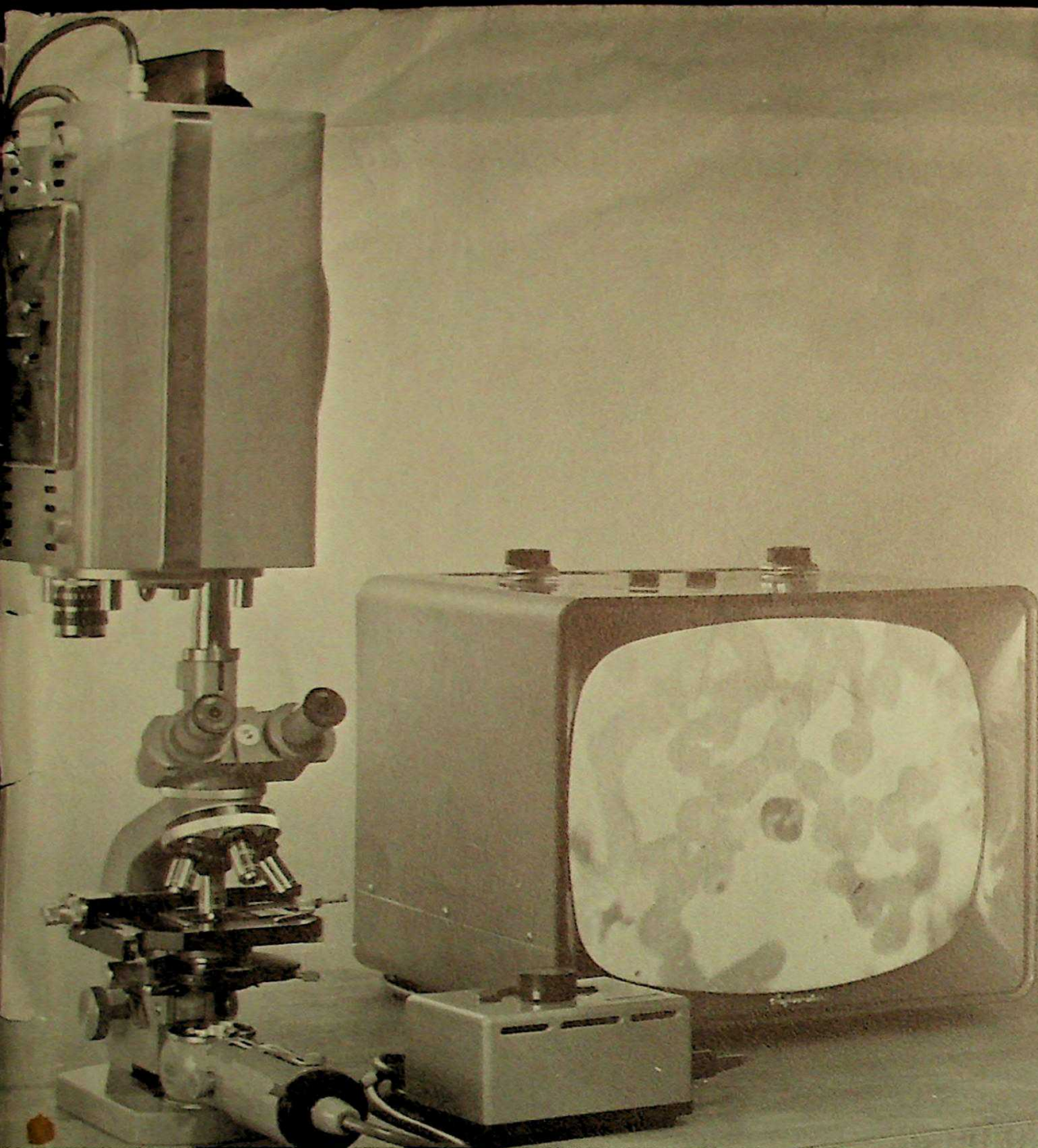
by

VIDEO ENGINEERING CO., INC.

• 5413 Georgia Ave., N. W., Washington, D.C.

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The Video Engineering Co., Inc. has pioneered in the design and installation of closed circuit television in the Maryland, Washington and Virginia area.

The combination of wide experience and a highly competent technical staff provides a strong working background for any project involving the use of closed circuit television microscopy.

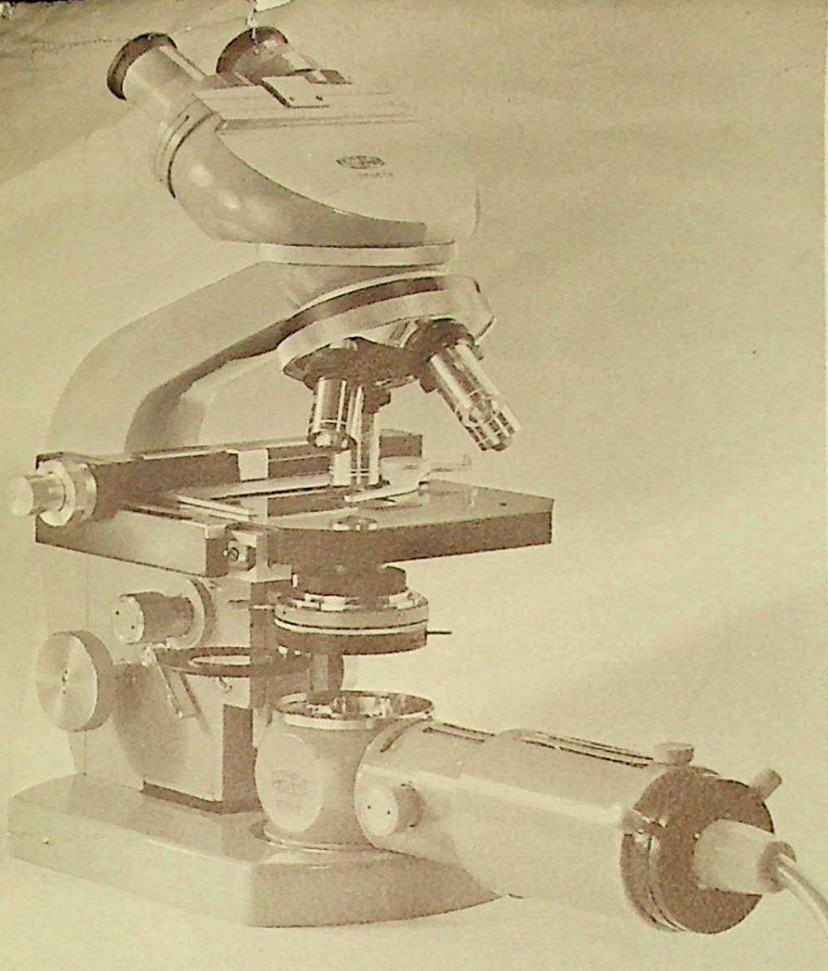
The Elgeet-Sylvania closed circuit television microscope system, shown above, represents significant advances in both television and microscopy. The closely integrated units provide the means by which phenomena otherwise visible to only one microscopist may be shared and simultaneously viewed by an unlimited number of persons. The advantages of group viewing are manifold, particularly when using the phase contrast equipment to observe living specimens. When used to present material to a large assembly, as in the teaching situation, it becomes a valuable supplementary tool. When used for smaller groups, it serves to stimulate the exchange of ideas.

The high resolving power of both the microscope and television system retain all of the detailed, identifying

structure of the specimen. The microscope provides optical magnification up to 1,500 diameters, and the electrical magnification (by means of the television equipment and viewing screen), are modified only by size of the monitor, and may be as high as 2,500 diameters.

The microscope, illuminator, TV camera and 17" monitor shown, may be purchased for a total of \$1,446.00.

The Elgeet microscope may be used with more sophisticated television systems to increase image clarity and resolving power. Video Engineering offers Foto-Video, Blonder-Tongue, and other professional systems for critical research projects. Detailed descriptive literature will be provided upon request, and consultation service is always available.



Elgeet OLYMPUS

MODEL ECBi BINOCULAR MICROSCOPE

The Elgeet-Olympus Model ECBi binocular microscope may be equipped with phase accessories, for the examination of biological specimens under the phase contrast method of illumination. This technique renders visible structures which would by any other means of illumination remain undiscernable. The monocular model is \$330.45, the binocular model is \$486.00 and the trinocular model (for closed circuit television or photomicrography) is \$589.00 This price includes all optics, objectives and eyepieces, built-in graduated mechanical stage and mirror. Additional accessories are listed separately.

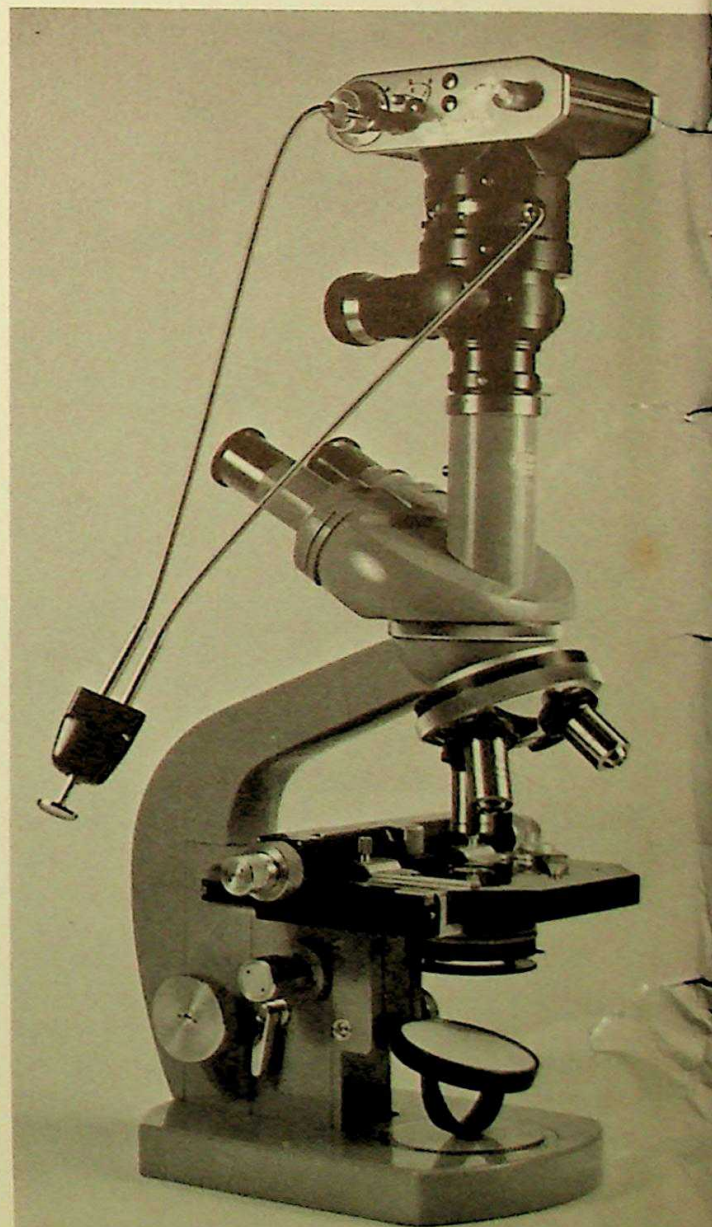
Elgeet OLYMPUS

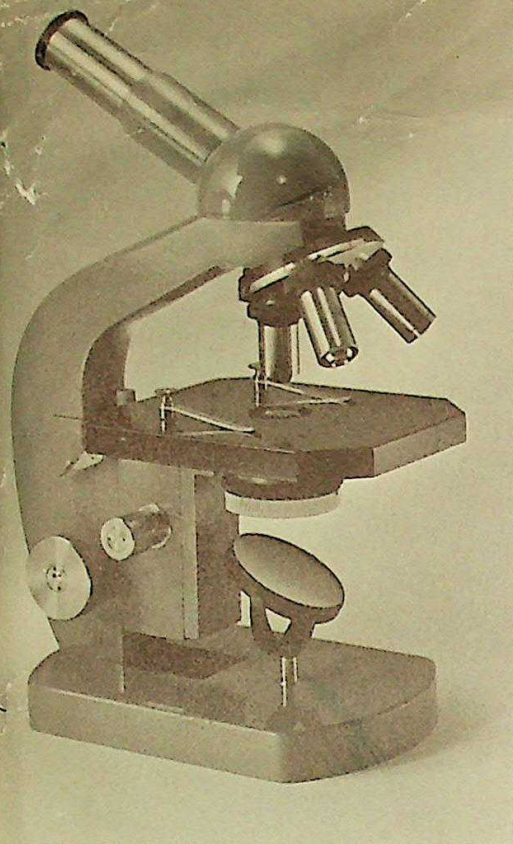
MODEL ECTr TRINOCULAR MICROSCOPE

An advanced trinocular research microscope combining all of Elgeet's precision engineered features. The interchangeable trinocular body conveniently combines a quality binocular inclined body with a vertical single tube for precise photomicrographic work.

For further versatility in permitting the Elgeet microscope to expand to growing needs, many accessories are available: Pictured is the Elgeet Olympus Photomicrographic Apparatus, Model PM-6, a complete unit for photomicrography. The camera component is fixed to the microscope adapter, and shutter speeds are B, 1, 1/2, 1/5, 1/25, 1/50 seconds.

The unit has an automatic film stop and double exposure prevention. A side aperture is provided for using an electric photometer and for projection of the observed image on small screen. It is also equipped to allow simultaneous visual observation of the exact field to be photographed.





MODEL H

Triple revolving nosepiece with coated, parfocal, achromatic objectives 10X (N.A. .25), 40X (N.A. .65) and 100X (N.A. 1.25 oil immersion). Abbe N.A. 1.2 variable focus condenser. Built-in, continuously variable iris diaphragm to control illumination. 10X Huygenian eyepiece, coated.

only \$179.50

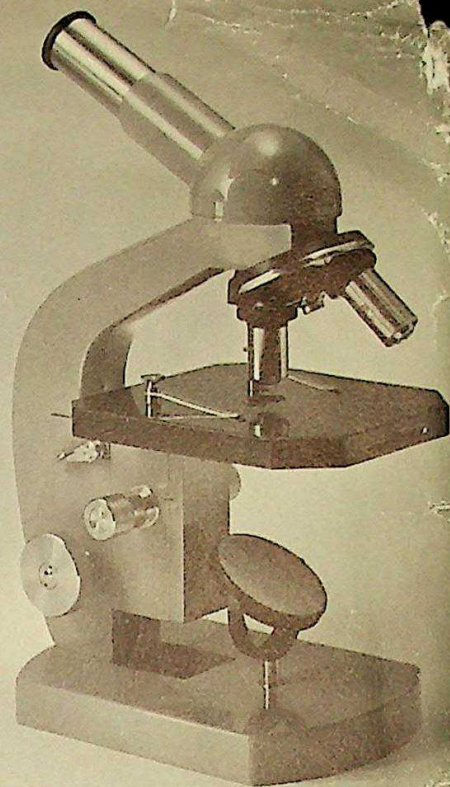
Same as above, but with coated, parfocal, achromatic 4X (N.A. .10) scanner objective instead of 100X objective.

only \$141.95

ACCESSORIES:

- Model LSK, 20 watt base illuminator for EC series - \$13.00.
- Model LSE high intensity base illuminator, with variable transformer for EC series - \$59.50.
- Cardioid darkfield condenser - \$35.40.
- Phase contrast accessories (1 series of 4 objectives, 10, 20, 40, 100X oil-immersion, centering telescope, phase turret condenser and filter) - \$216.50.
- PM-6 photomicrographic camera - \$162.50.
- Mechanical stage, ungraduated (for S-2, S-3 and H series) - \$25.00.
- Mechanical stage, graduated (for Model S-2, S-3 and H) - \$35.40.
- Model TM monocular body (less eyepiece) - \$19.50.
- Model TBI binocular body (less eyepieces) - \$142.00.
- Model TTR trinocular body (less eyepieces) - \$192.00.
- Model TVM vertical monocular body, for photomicrography (less eyepiece) - \$11.95.
- 40X fluorite objective - \$59.00.
- 100X oil-immersion fluorite objective - \$109.00.
- Bulb, 6 volt, 5 amp, for LSE illuminator - \$1.50.

The Elgeet-Olympus student teaching microscopes are high quality, budget priced instruments of advanced modern design. Features incorporated are: pre-set focusing lock, to prevent accidental damage to slides or objectives; angled eyepiece tube, for comfortable viewing; horizontal focusing stage; separate coarse and fine focusing, with fully inclosed rack and pinion movements; locked-in eyepieces; and all student microscopes may be equipped with either mirror or 20 watt base illuminator, at no additional charge. The same precision optics as found on the higher priced research models are standard equipment on all Elgeet student teaching microscopes, and each microscope comes complete with fitted hardwood carrying case.



MODEL S-3 (not shown)

Same as Model S-2 with triple revolving nosepiece with coated, parfocal, achromatic 4X (N.A. .10) scanner, 10X (N.A. .25), and 40X (N.A. .65) objectives. Built-in revolving aperture disc with positive click stops to control illumination. 10X Huygenian eyepiece, coated.

only \$124.50

MODEL S-2

Double revolving nosepiece with coated, parfocal, achromatic objectives 10X (N.A. .25), and 40X (N.A. .65). Built-in revolving aperture disc with positive click stops to control illumination. 10X Huygenian eyepiece, coated.

only \$110.50



PHASE ACCESSORIES